

Application No.: 10/524,688  
Art Unit: 4159

Amendment under 37 C.F.R. §1.111  
Attorney Docket No.: 052078

**AMENDMENTS TO THE ABSTRACT**

Please amend the Abstract as set forth below:

~~The present invention relates to a~~ A vacuum pump and a method of starting a vacuum pump. The vacuum pump includes a pump rotor ~~[(1)]~~ rotatably disposed in a casing ~~[(2)]~~, and a pump-rotor controller ~~[(15)]~~ for controlling rotation of the pump rotor ~~[(1)]~~ in a forward direction or a reverse direction in accordance with a predetermined pattern at the time of starting the vacuum pump.